

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
27 January 2005 (27.01.2005)

PCT

(10) International Publication Number
WO 2005/007965 A1

(51) International Patent Classification⁷: D06F 39/02, A47L 15/44

(21) International Application Number: PCT/GB2004/002986

(22) International Filing Date: 9 July 2004 (09.07.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data: 0316413.4 12 July 2003 (12.07.2003) GB

(71) Applicant (for all designated States except MN, US): RECKITT BENCKISER N.V. [NL/NL]; Kantoorgebouw De Appelaer, De Fruittuinen 2-12, NL-2132 NZ Hoofddorp (NL).

(71) Applicant (for MN only): RECKITT bENCKISER (UK) LIMITED [GB/GB]; 103-105 Bath Road, Slough, Berkshire, SL1 3UH (GB).

(72) Inventors; and

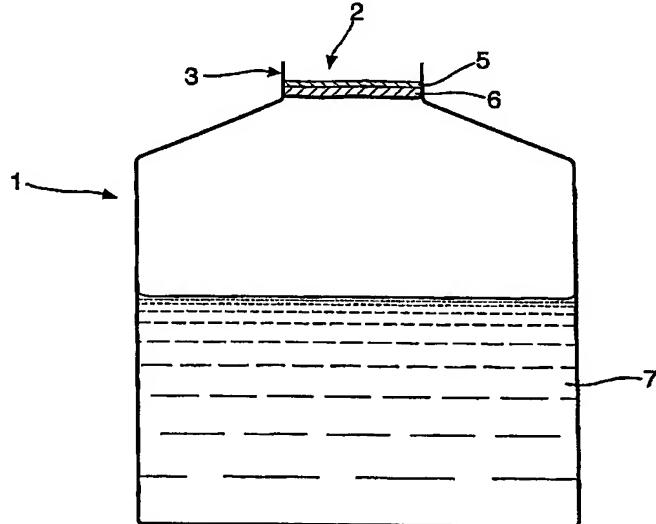
(75) Inventors/Applicants (for US only): GIBIS, Karl-Ludwig [DE/DE]; Reckitt Benckiser Produktions GmbH, Benckiserplatz 1, Ludwigshafen 67059 (DE). GUZMANN, Marcus [DE/DE]; Theodor-Heuss-Strasse 2, Muehlhausen 69242 (DE). HOUSMEKERIDES, Chris, Efstatios [GR/DE]; Reckitt Benckiser Produktions GmbH, Benckiserplatz 1, Ludwigshafen 67059 (DE). WIEDEMANN, Ralf [DE/DE]; Reckitt Benckiser Produktions GmbH, Benckiserplatz 1, Ludwigshafen 67059 (DE).

(74) Agent: BOWERS, Craig, M.; Reckitt Benckiser plc, Group Patents Department, Dansom Lane, Hull HU8 7DS (GB).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,

[Continued on next page]

(54) Title: CLOSURE



WO 2005/007965 A1

(57) **Abstract:** The invention relates to a closure (3) for a bottle (1). The closure (2) is dispersible in a washing medium, wherein the closure (2) comprises a first component (5) and a second component (6). Each component defines a seal enclosing a volume within the bottle (1). The dispersion of each component is activated by a different means.



TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW,

SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.